

PTO/SB/08a (05-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number	10/737,364
Filing Date	December 15, 2003
First Named Inventor	Youngwoo Kwon
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	PA2589US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
N		US- 2,210,028	08-06-1940	Doherty	
N		US- 4,335,363	06-15-1982	Bowers	
N		US- 5,420,541	05-30-1995	Upton et al.	
N		US- 5,568,086	10-22-1996	Schuss et al.	
N		US- 5,786,727	07-28-1998	Sigmon	
N		US- 5,880,633	03-09-1999	Leizerovich et al.	
N		US- 6,374,092 B1	04-16-2002	Leizerovich et al.	
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**FOREIGN PATENT DOCUMENTS**

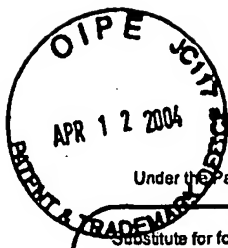
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	NGUYEN, KUN	Date Considered	5/10/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/737,364
				Filing Date	December 15, 2003
				First Named Inventor	Youngwoo Kwon
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	PA2589US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
N		RAAB, F.H., "Efficiency of Doherty RF Power-Amplifier Systems," IEEE Transactions On Broadcasting, September 1987, pp. 77-83, Vol. BC-33.		
N		IWAMOTO, M., et al., "An Extended Doherty Amplifier with High Efficiency Over a Wide Power Range," IEEE Transactions On Microwave Theory and Techniques, December 2001, pp. 2472-2479, Vol. 49, No. 12.		
N		ZHAO, Y., et al., "Doherty Amplifier with DSP Control to Improve Performance in CDMA Operation," 2003 IEEE MTT-S Digest, 2003, pp. 687-690, IEEE.		
N		LEES, J., et al. "Single-Tone Optimisation of an Adaptive-Bias Doherty Structure," 2003 IEEE MTT-S Digest, 2003, pp. 2213-2216, IEEE.		
N		BAE, S., et al., "Bias-Switching Quasi-Doherty-Type Amplifier for CDMA Handset Applications," 2003 IEEE MTT-S Digest, 2003, pp. 137-140, IEEE.		
N		WALLACE, L., "Amplifier Linearization Promotes Efficiency in Multi-Carrier WCDMA Basestation," EE Times, October 18, 2002, at <a href="http://www.eetimes.com/story/OEG20021018S0059">http://www.eetimes.com/story/OEG20021018S0059</a> .		

Examiner Signature	NGUYEN, KV	Date Considered	5/10/05
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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Youngwoo Kwon et al.  
SERIAL NO.: 10/737,364  
FILED: December 15, 2003  
TITLE: High Linearity Doherty Communication Amplifier with  
Phase Control  
EXAMINER: Unknown  
GROUP ART UNIT: Unknown  
ATTY.DKT.NO.: PA2589US

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List of Co-Pending Patent Applications That May Be Directed  
Towards Similar Subject Matter

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
<i>N</i>	10/737,476	Youngwoo Kwon	High Linearity Doherty Communication Amplifier with Integrated Output Matching Unit	12/15/2003
<i>N</i>	10/690,923	Youngwoo Kwon	High Linearity Doherty Communication Amplifier with Bias Control	10/21/2003
<i>N</i>	10/432,553	Youngwoo Kwon	Power Amplification Apparatus of Portable Terminal	05/21/2003
Examiner's Signature:	<i>Nguyen, K</i>			Date <i>05/10/05</i>